

# INTERNATIONAL SEARCH REPORT

Int. Application No.  
PC 1/66295/000490

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H01L29/165 H01L21/20

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim 1/5.
X	US 2002/017642 A1 (MIZUSHIMA KAZUKI ET AL) 14 February 2002 (2002-02-14)  paragraph '0047! - paragraph '0052!; figures 2,7	1,4,5, 7-13,16, 18
X	US 2002/125475 A1 (CHU JACK OON ET AL) 12 September 2002 (2002-09-12)  figure 3	1,4-10, 12,13, 16,18
X	WO 03/103031 A (UNIVERSITY OF WARWICK; CAPEWELL, ADAM, DANIEL; GRASBY, TIMOTHY, JOHN;) 11 December 2003 (2003-12-11) abstract; figure 2	1,4,5,7, 8,12-18

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☒ Further documents are listed in the continuation of table C.

☒ Patent family members are listed in an annex.

### \* Special categories of cited documents.

- \*A\* documents defining the general state of the art which is not considered to be of particular relevance
- \*C\* earlier document(s) but published on or after the international filing date
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- \*G\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

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- \*Y\* document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is considered in conjunction with one or more other such documents, such combination being obvious to a person skilled in the art
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

19 May 2005

Date of mailing of the international search report

30/05/2005

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## C (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Character of document, with indication, where appropriate, of the relevant passage	Publication or Date - No.
X	<p>ROMANATO F ET AL: "Continuously graded buffers for InSeAs/GaAs structures grown on GaAs"</p> <p>JOURNAL OF CRYSTAL GROWTH, NORTH-HOLLAND, AMSTERDAM, NL.</p> <p>vol. 175-176, May 1997 (1997-05), pages 1009-1015, XP004091436</p> <p>ISSN 0022-0248</p> <p>page 1011 - page 1014</p>	<p>1,2,4, 12-14, 16,18</p>
X	<p>PATENT ABSTRACTS OF JAPAN</p> <p>vol. 2003, no 11,</p> <p>5 November 2003 (2003-11-05)</p> <p>8 JP 2003 197544 A (SUMITOMO MITSUBISHI SILICON CORP), 11 July 2003 (2003-07-11)</p> <p>abstract</p>	<p>1,3-5, 7-9,12, 13,15, 16,18</p>

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information on patent family members

Intel  
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PCT/GB2005/000490

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